



(19)

(11) Publication number:

Generated Document.

PATENT ABSTRACTS OF JAPAN

(21) Application number: 08275664

(51) Intl. Cl.: H05K 3/38 C08J 7/00

(22) Application date: 18.10.96

(30) Priority: (43) Date of application publication: 15.05.98 (84) Designated contracting states:	(71) Applicant: HITACHI CHEM CO LTD (72) Inventor: OGAWA NOBUYUKI SHIMIZU HIROSHI SHIBATA KATSUJI URASAKI NAOYUKI (74) Representative:
---	---

(54) ETCHANT OF HARDENED EPOXY RESIN

(57) Abstract:

PROBLEM TO BE SOLVED: To provide an etchant which enables non-warp hardened epoxy resin to be roughened or removed, without using concentrated sulphuric acid, chromic acid, or alkali permanganate.

SOLUTION: An etchant is a solution used for etching a hardened material of a thermosetting epoxy resin composition made of epoxy polymer of the molecular weight of 100,000 or more having film forming ability polymerized by heating bifunctional epoxy resin and halogenated bifunctional phenols in a state where catalyst exists, with the aid of a cross linking agent and a multifunctional epoxy resin. The etchant is made of an amide solvent, an alcohols solvent of alkali metal hydroxide, and quaternary ammonium salt.

COPYRIGHT: (C)1998,JPO